

Fleet Readiness & Logistics

**Shape,
Anticipate,
Innovate, and
Lead**



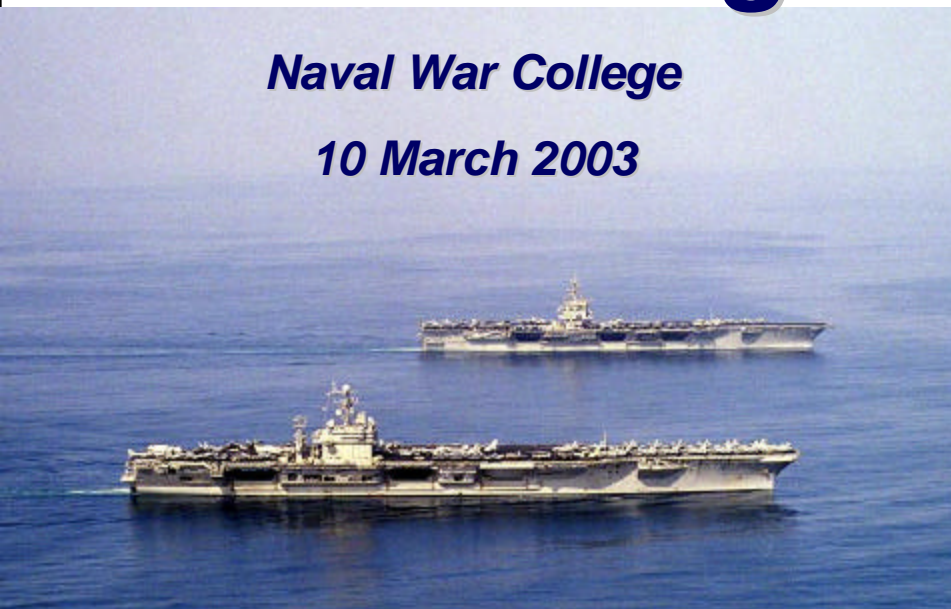
Sea Basing

Naval War College

10 March 2003



**Vice Admiral Charles Moore, Jr.
Deputy Chief of Naval Operations**



Sea: Maneuver Space for those who control it.



Definition

Sea Base is a scalable collection of warfighting capabilities distributed across multiple platforms, netted together... sustained from the sea with minimal reliance on shore facilities within the Joint Operations Area.

- Admiral Clark's "Sea Power 21" article,
Proceedings, October 2002



Sea Basing Framework

Sea Basing: Projecting Joint Operational Independence

Sea Shield

Sea Trial

Sea Warrior

Sea Enterprise

ForceNet

Sea Strike

Sea Basing

Sea Basing

- Forward Combat Power & Pre-positioned Platforms
- Force Closure
- **Defensive/Offensive Power Projection**
- Focused Joint Logistics
- Coherent Joint C4ISR

Sea base - scalable collection of warfighting capabilities distributed across multiple platforms, netted together... sustained from the sea with minimal reliance on shore facilities within Joint Operations Area.



Sea Basing Impact

- **Forward war-fighting capabilities:**
 - **Sovereignty** of “High Seas”
 - Ready NOW in geographic regions
 - Capable everyday of same day response (24/7/365)
 - Real Sailors & Marines standing an alert watch
- Carrier Strike Groups
- Expeditionary Strike Groups
- Surface Action Strike Groups
- Associated or independent Attack Submarines
- Equipment for 3 Marine Expeditionary Brigades pre-positioned afloat

Asymmetric Military Advantage



Sea Basing

Operational Effectiveness

Evolving Naval Capabilities

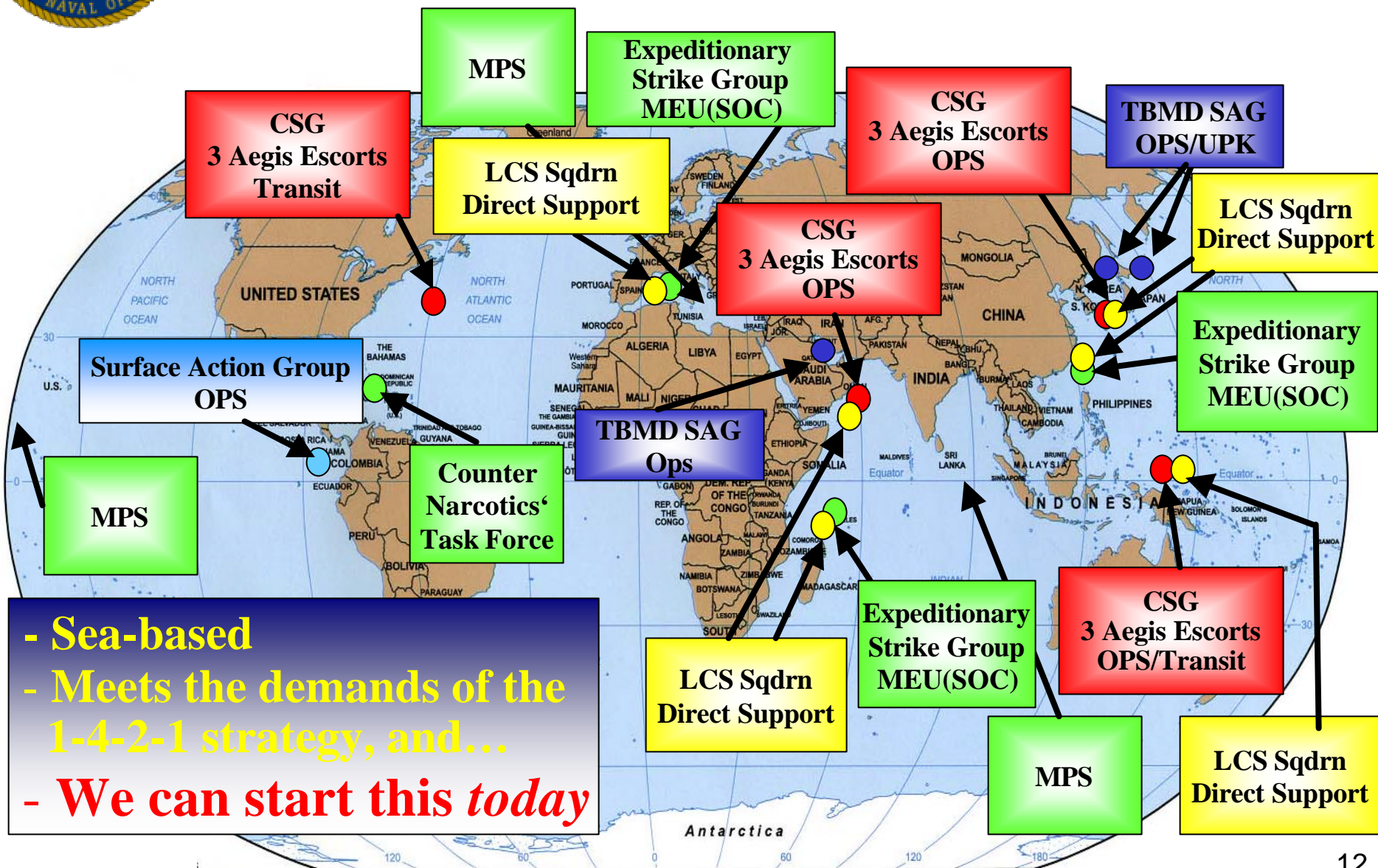
- **Precise and Persistent Firepower**
 - Sea Strike/Shield Foundation
- **Operational Maneuver from the Sea (OMFTS)**
 - Sea: Maneuver Space for those who control it.
 - Presents mobile multi-dimensional threat
 - Overextends enemy
 - Exploits gaps and vulnerabilities
- **Global Connectivity**
- **Responsive Logistics**
 - Leverage information
 - Shift toward anticipatory, responsive logistics
 - Minimize vulnerable bases ashore

Decisive Capabilities for an Uncertain Era



Global CONOPs and Global Capabilities

Maximum Power Forward



- Sea-based
- Meets the demands of the 1-4-2-1 strategy, and...
- We can start this *today*



1 - 4 - 2 - 1

Shape

Anticipate

Innovate

Lead



1 - 4 - 2 - 1

- Swiftly Defeat
- Credible Ground Force

Shape

Anticipate

Innovate

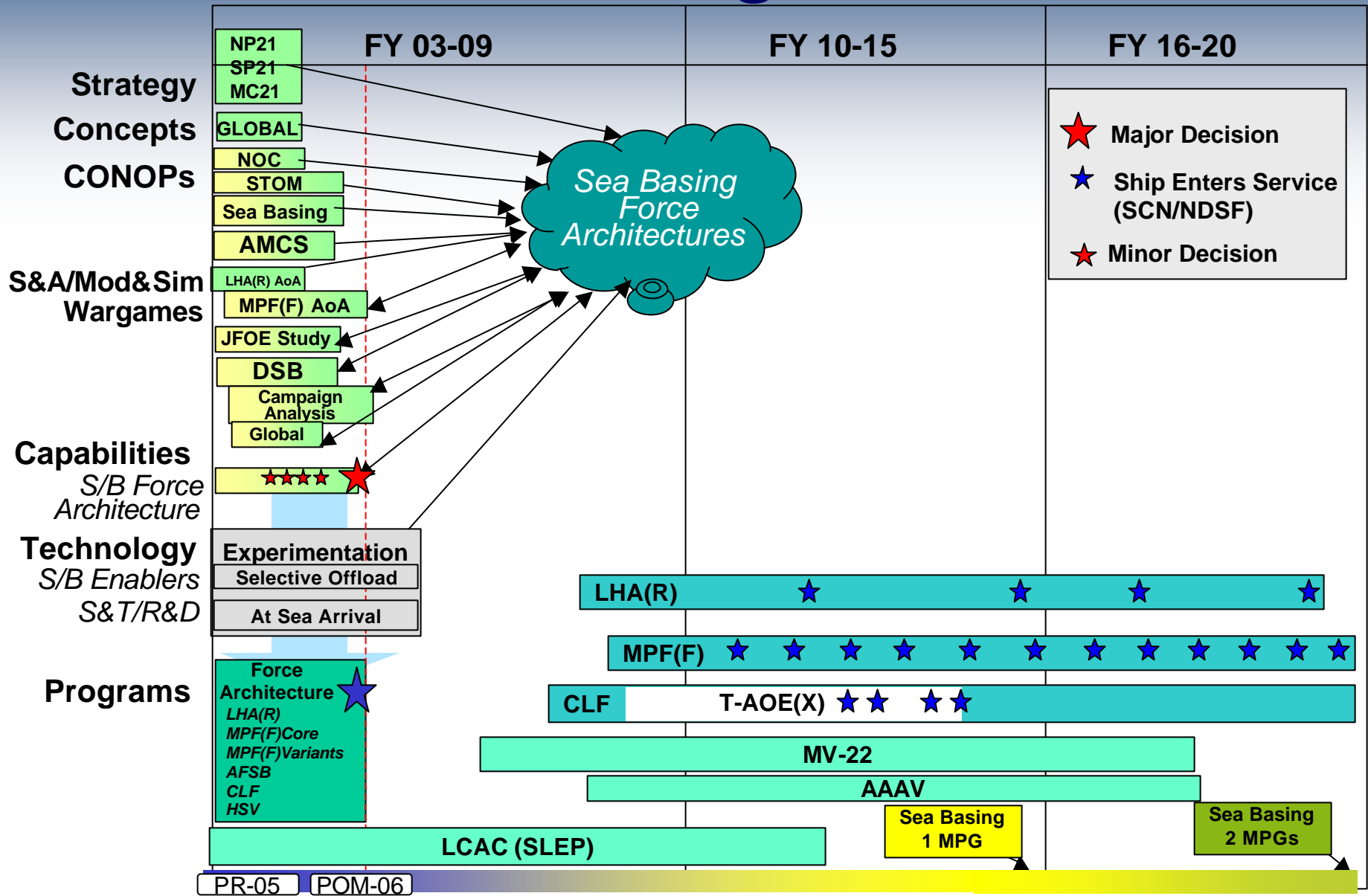
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Turkey

\$15B - \$30B

Sea Basing Continuum

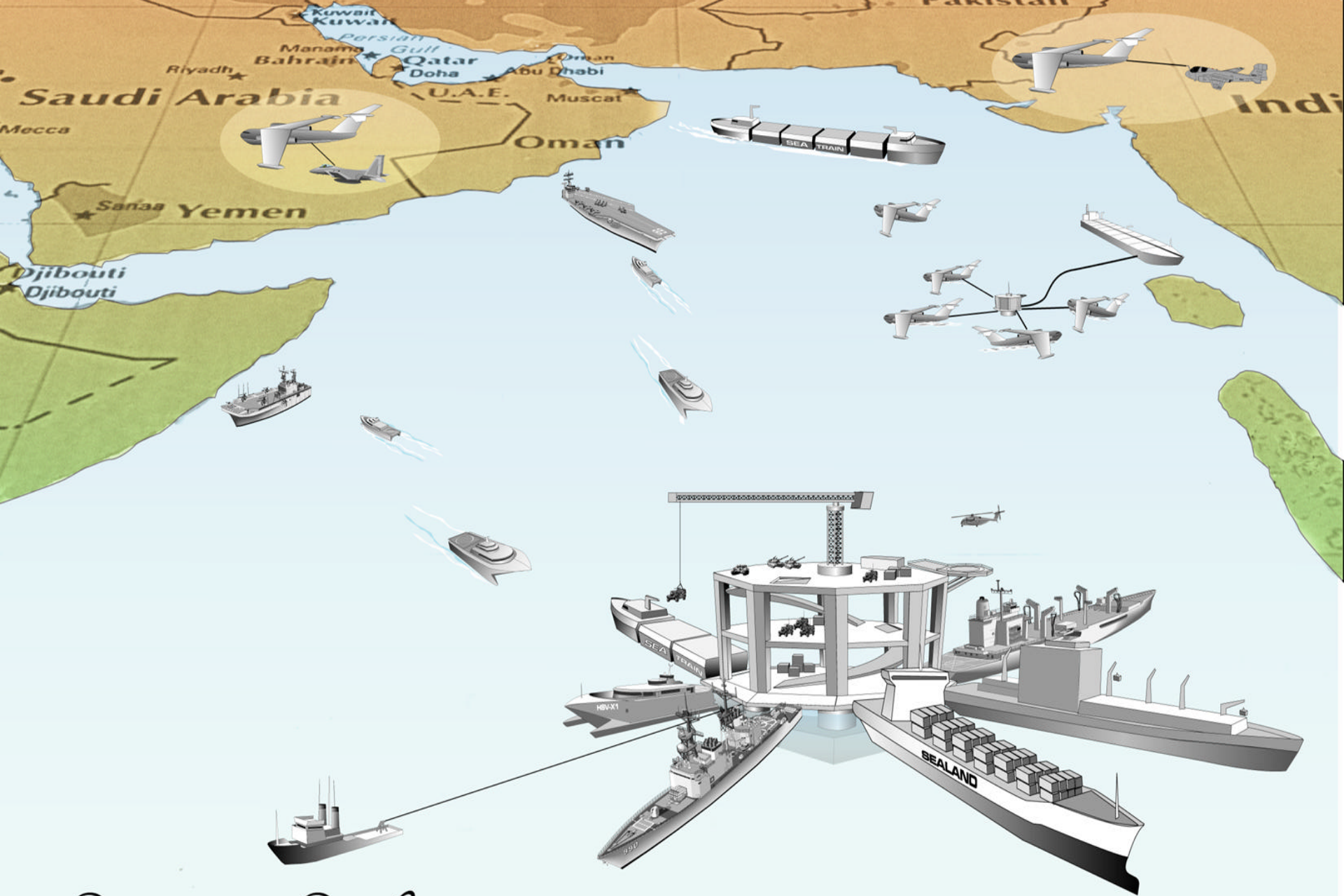


Shape

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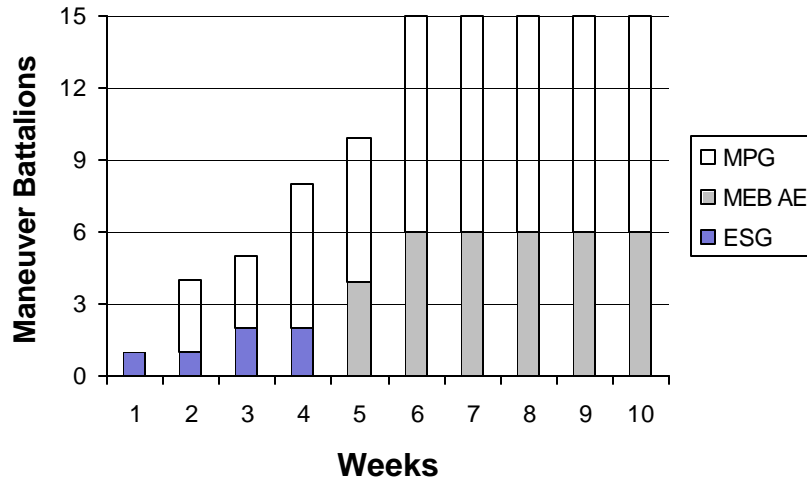
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"Sovereign SeaBase"

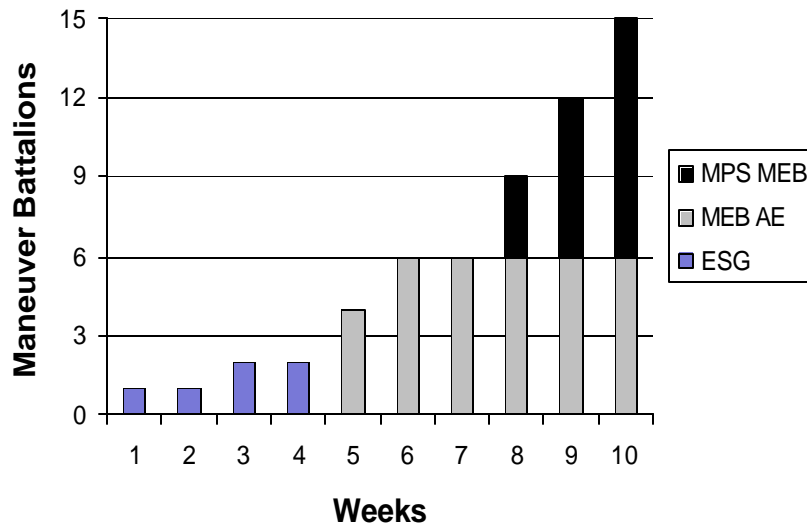


EXW Force Closure



Future CONOPs (Notional)

- 3 ESGs deployed (1 from each coast and 1 in Japan). 3 MPSRONS(F) pre-positioned.
- ESF (CSG/ESG/MPG) within 1-2 weeks.
- 1 MEB AE (including deployed ARG/MEUs) available from both LANT & PAC w/in 4-6 weeks.
- Maximum of 2.0 MEB AE and 3.0 MPF(F) MEB sea based (15 battalions total).

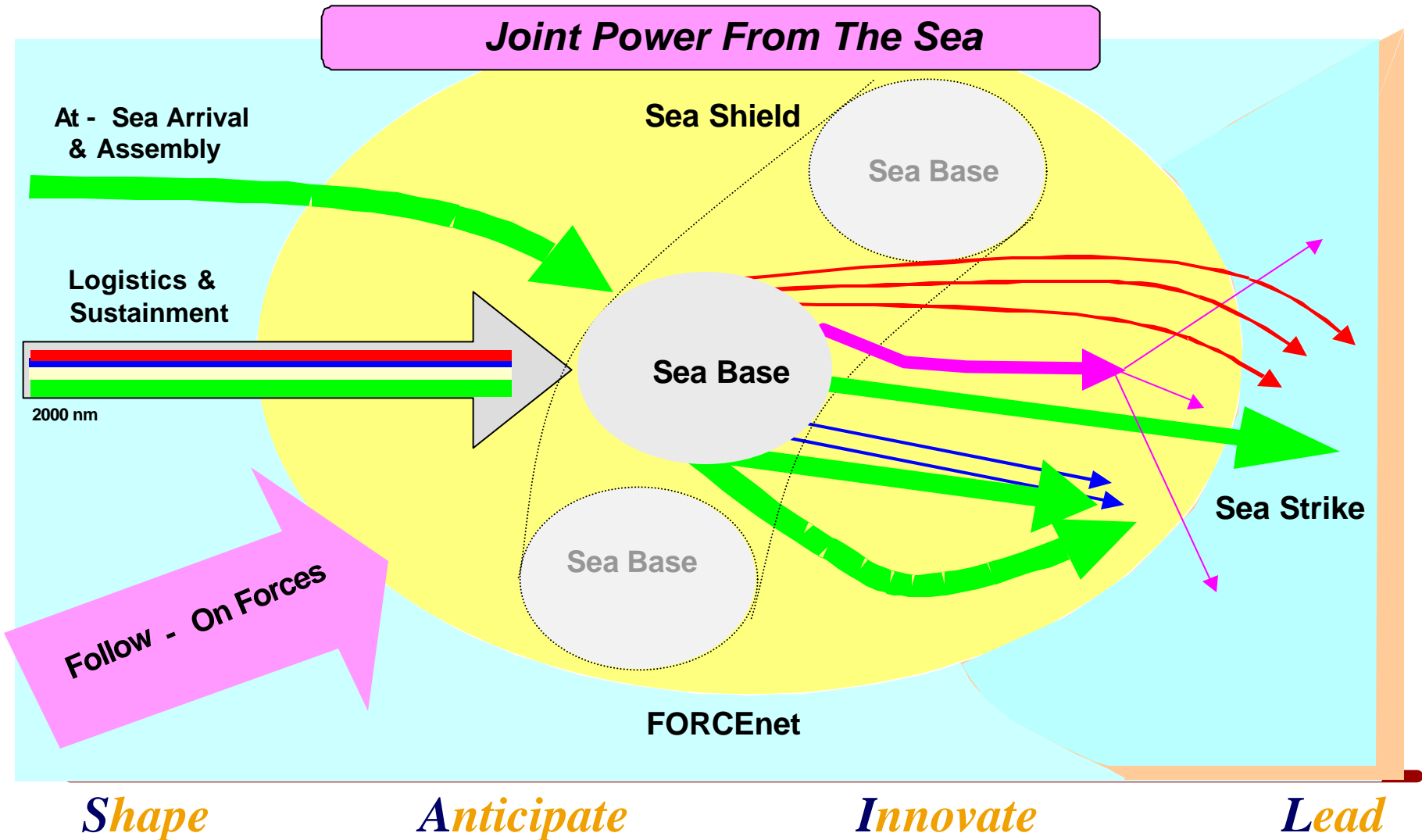


Current CONOPs

- 3 ARG/MEUs deployed (1 from each coast and 1 in Japan). 3 MPSRONS pre-positioned.
- CVBG & 2 ARG/MEUs provide limited forcible entry capability w/in 3 weeks in 1 region.
- 1.0 MEB AE (incl. deployed ARG/MEUs) available from both LANT & PAC w/in 4-6 weeks.
- Following forcible entry, 3 MPSRONS offload and MEBs assemble ashore with gear.
- Maximum of 2.0 MEB AE sea based and 3.0 MEB shore based (15 battalions total).



Joint Power From The Sea





Advanced Mobility Concepts Study Platforms

High Speed Monohull



Speed - 38 KT
Range - 6,000 NM
Payload - 8,000 ST
158,000 SQ FT

SSTOL



Speed - 380 KT
Range - 3,100 - 4,700 NM
Avg Payload - 30 ST
20 PAX

Ultra Large Airship



Speed - 76 KT
Range - 5,607-10,000 NM
Avg Payload - 238 ST

Shallow Draft High Speed Sealift



Speed - 75 KT
Range - 7,000 NM
Avg Payload - 4,400 ST
86,489 SQ FT
1,000 PAX

Theater Support Vessel



Speed - 40 KT
Range - 1,700 NM
Payload - 1,250 ST
30,000 SQ FT
350 PAX

Mobile Offshore Base



Speed - 12 KT transit
5 KT connected
Avg Payload - 5 M SQ FT
15,000 PAX
2.5 M SQ FT Flight Deck
5,000 FT Runway

Global Range Transport



Speed - 489 KT
Range - 3,863 - 10,841 NM
Avg Payload - 149 ST
500 PAX

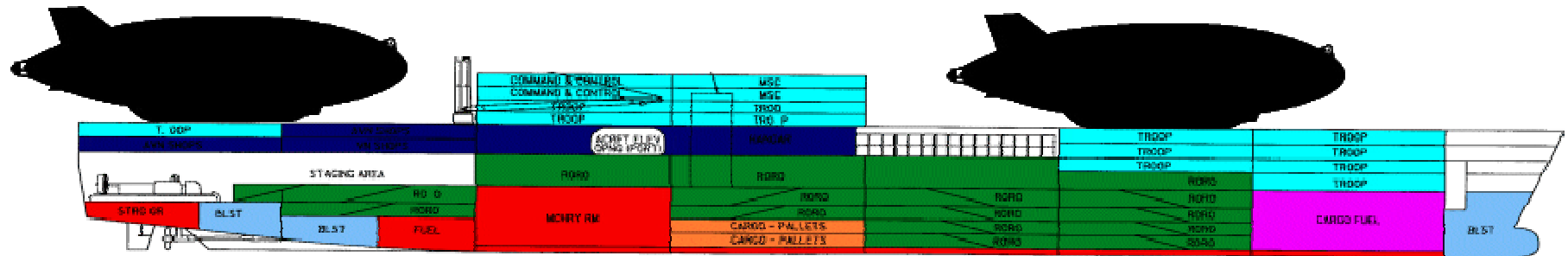
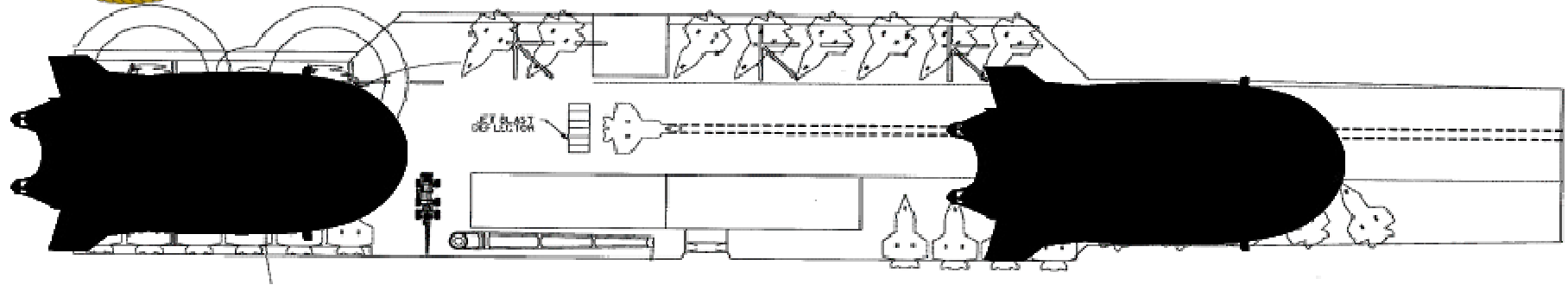


Swiftly To/From The Sea Base





MPF (F) Options



100 m

Shape

Anticipate

Innovate

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Summary

- Sea Basing enables Sea Shield and Sea Strike to be independent
- Joint Operations can and will be supported
- Naval Sea Basing forces will include all capabilities



Discussion

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